Daily Diary Report by Bid Item

Contract No.: 04-0120F4
Diary #: 120 **Const Calendar Day:** 462 **Date:** 14-Dec-2010 **Tuesday**
Inspector Name: Brignano, Bob **Title:** Transportation Engineer
Inspection Type:
Shift Hours: **Break:** **Over Time:**
Federal ID:
Location:
Reviewer: Schmitt, Alex **Approved Date:** **Status:** Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature	**7 AM**	**12 PM**	**4PM**
Precipitation		**Condition**	

Working Day ☑ If no, explain:

Diary: Dispute ☐

General Comments

ITEM 52 FURNISH STRUCTURAL STEEL (BRIDGE)(TOWER);
CCO 156, REPLACE DACROMET FASTENERS;
HIGH STRENGTH FASTENER ASSEMBLY;
MATERIAL DELIVERY AND QA SAMPLING;
HIGH STRENGTH FASTENER ASSEMBLY PRE-INSTALLATION TESTING:

Two shipments of Geomet coated A490M assemblies (all M27 assemblies) arrive today. These are LeJeune shipments “Geomet 4” with 27 pallets and “Geomet 5” with 23 pallets. These shipments arrive just before the lunch break (arrive prior to 1200) and are unloaded after the lunch break ends, starting at 1230 and unloading finishing approximately 1345. This operation involves 1 ironworker and 1 operator, a forklift, and a pallet jack - the pallet jack is used to move pallets from deep in the truck container to the back of the truck (front of the container) where the forklift can reach the pallets to take them out of the truck container. Between 1345 and 1430, I work with Scott Croff of METS to pull the QA samples from these shipments for Translab QA testing. At the same time I work with Chris Bausone of ABF to pull the QC samples for on-site QC testing (rotational capacity, minimum tension verification, and inspection torque).

This material is shipped without prior QA sampling at the source (LeJeune), QA testing at Translab, and QA release at the source (LeJeune). Material is QA sampled on site rather than at the source per agreement with ABF, LeJeune, CT METS, and CT Construction to expedite material delivery to the site, expedite testing, and reduce METS travel expenses. Note that the suppliers of the individual components (nuts, bolts, washers, coating) as well as the overall assembly (LeJeune) performed the required QC testing of the material prior to shipping the material. Until the QA samples have been successful QA tested at Translab, this material cannot be used. However, if it takes a long time to QA test the material and waiting results in schedule implications, we have agreed with ABF that the material may be used at ABF’s risk if the locations are tracked and it can be removed later if necessary.

Today’s on site QC testing is between 1430 and 1700 for rotational capacity, minimum tension verification, and inspection torque. Work happens at Bolt Testing Conex ABF ID 002079 in the warehouse with Skidmore Model HT 4000 ABF ID 000612. For ABF, engineer Chris Bausone is present. For CT, engineers Mohammad Awal and Bob Brignano are present. Eight (8) rocap lots (A490M Geomet coated M27 assemblies) are tested.

See the attached Bolt Test Form for details of the testing.